



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Joseph ROBERTS *et al.*

Title: GENETICALLY ENGINEERED GLUTAMINASE AND ITS USE  
IN ANTIVIRAL AND ANTICANCER THERAPY

Appl. No.: 09/842,628

Filing Date: 04/27/2001

Examiner: Timothy M. Brown

Art Unit: 1648

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

10/07/2005 JADD01 00000103 09842628

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**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

**FEE**

A fee in connection with submission of an information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date October 6, 2005

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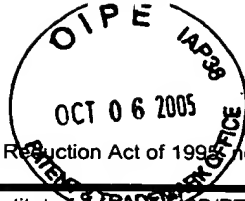
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Substitute for Form PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: October 6, 2005

(use as many sheets as necessary)

**Complete if Known**

Application Number	09/842,628
Filing Date	04/27/2001
First Named Inventor	Joseph ROBERTS
Group Art Unit	1648
Examiner Name	Timothy M. Brown
Attorney Docket Number	023032-0108

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document -MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	B1	TANAKA, S., et al., "Structures of Amidohydrolases: Amino Acid Sequence of a Glutaminase-Asparaginase from <i>Acinetobacter Glutaminasificans</i> and Preliminary Crystallographic Data for an Asparaginase from <i>Erwinia Chrysanthemi</i> ," <u>The Journal of Biological Chemistry</u> , Vol. 363, No. 18, June 25, 1988, pp. 8583-8591	
	B2	LUBKOWSKI, J., et al., "Structure Characterization of Pseudomonas 7A Glutaminase-Asparaginase", <u>Biochemistry</u> , Abstract, August 30, 1994, Vol. 33, No. 34, pp. 10257-10265	
	B3	AMMON, H., et al., "Preliminary Crystal Structure of <i>Acinetobacter Glutaminasificans</i> Glutaminase-Asparaginase," <u>The Journal of Biological Chemistry</u> , Vol. 263, No. 1, January 5, 1988, pp. 150-156	
	B4	WLODAWER, A., et al., "Characterization of Crystals of L-Glutaminase-Asparaginase from <i>Acinetobacter Glutaminasificans</i> and <i>Pseudomonas 7A</i> ," <u>J. Mol. Biol.</u> , Abstract, May 25, 1977, Vol. 112, No. 3, pp. 515-519	
	B5	ROBERTS, J., et al., "Isolation, Cryatallization, and Properties of <i>Achromobacteraceae</i> Glutaminase-Asparaginase with Antitumor Activity," <u>The Journal of Biological Chemistry</u> , Vol. 247, No. 1, January 10, 1972, pp. 84-90	
	B6	UniProtKB/Swiss-Prot Entry P10182	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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